



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Florida Storm Panels, Inc.
14475 N.W. 26th Avenue
Opa-Locka, Florida 33054

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.029" (min.) Galvanized Steel Storm Panels Shutter

APPROVAL DOCUMENT: Drawing No. AD12-32, titled " 22 ga. Galvanized Steel Storm Panel-LMI ", sheets 1 through 4 of 4, prepared by MCY Engineering, Inc., dated April 02, 2012, signed and sealed by Yiping Wang, P.E., on April 06, 2012, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state, the following statement: "Miami-Dade County Product Control Approved", and NOA number, per TAS-201, TAS-202, and TAS-203, unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews** NOA # 12-0410.01 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
01/24/2013

NOA No. 12-1210.01
Expiration Date: 01/23/2018
Approval Date: 01/24/2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-1120.02

A. DRAWINGS

1. *Drawing No. 02-868-111, titled " 22 ga Galvanized Steel Storm Panels ", sheets 1 through 4 of 4, prepared by Frank L. Bennardo, P.E., dated November 18, 2002, last revision dated January 02, 2003, signed and sealed by Frank L. Bennardo, P.E.*

B. TESTS

1. *Test report on: Uniform Static Air Pressure Test, Large Missile Impact Test and Cyclic Wind Pressure Test prepared by Construction Testing Corporation, Report No. 02-041, dated November 18, 2002, signed and sealed by Yamil G. Kuri, P.E.*
2. *Test report on fastener by Construction Testing Corporation, Report No. 02-007A, dated May 06, 2002, signed and sealed by Yamil G. Kuri, P.E.*
3. *Test report on Wood Bushings by Construction Testing Corporation, Report No. 02-038, dated October 07, 2002, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

1. *22 ga. Galvanized Steel Storm Panels and Anchor Calculations, sheets 1 through 26 of 26, dated November 18, 2002, prepared by Frank L. Bennardo, P.E., signed and sealed by Frank L. Bennardo, P.E.*
2. *Anchor Calculations, 9 pages, dated November 18, 2002, prepared by Frank L. Bennardo, P.E., signed and sealed by Frank L. Bennardo, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Inspection Report.*
2. *Certified Tensile Test Report issued by Certified Testing Laboratory, Report Number 1098H, dated October 29, 2002, signed and sealed by Ramesh Patel, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0817.03

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS


1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*


Henry A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-1210.01
Expiration Date: 01/23/2018
Approval Date: 01/24/2013

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0410.01

A. DRAWINGS

1. *Drawing No. AD12-32, titled " 22 ga. Galvanized Steel Storm Panel-LMI ", sheets 1 through 4 of 4, prepared by MCY Engineering, Inc., dated April 02, 2012, signed and sealed by Yiping Wang, P.E., on April 06, 2012.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

E. MATERIAL CERTIFICATIONS

1. *None.*

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

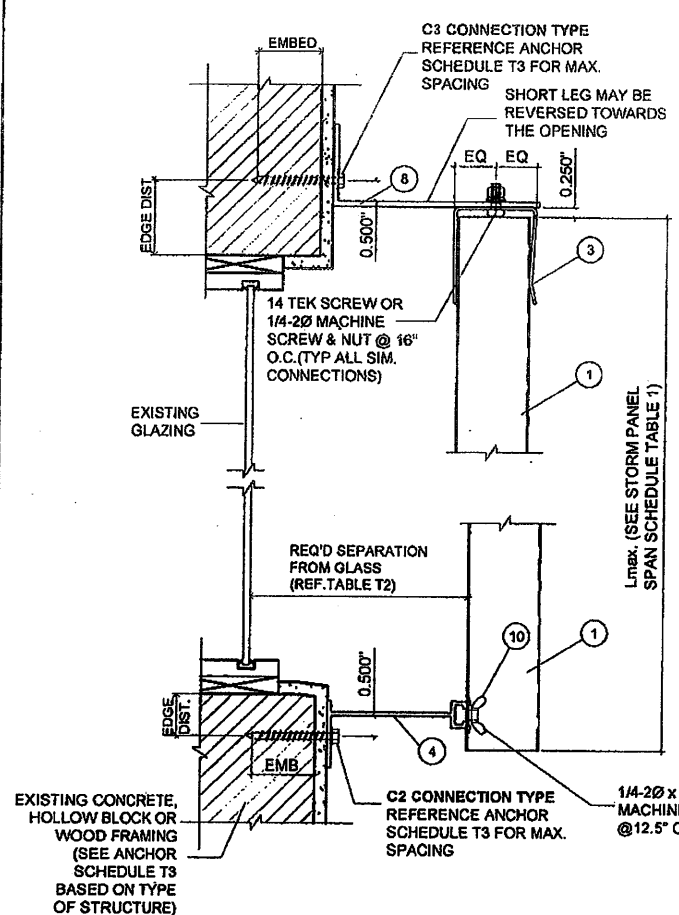


**Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor**

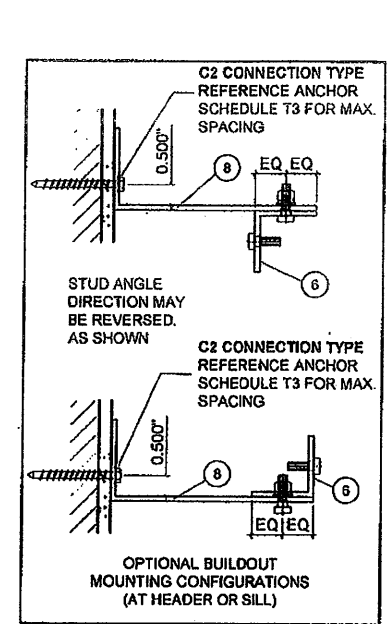
NOA No. 12-1210.01

Expiration Date: 01/23/2018

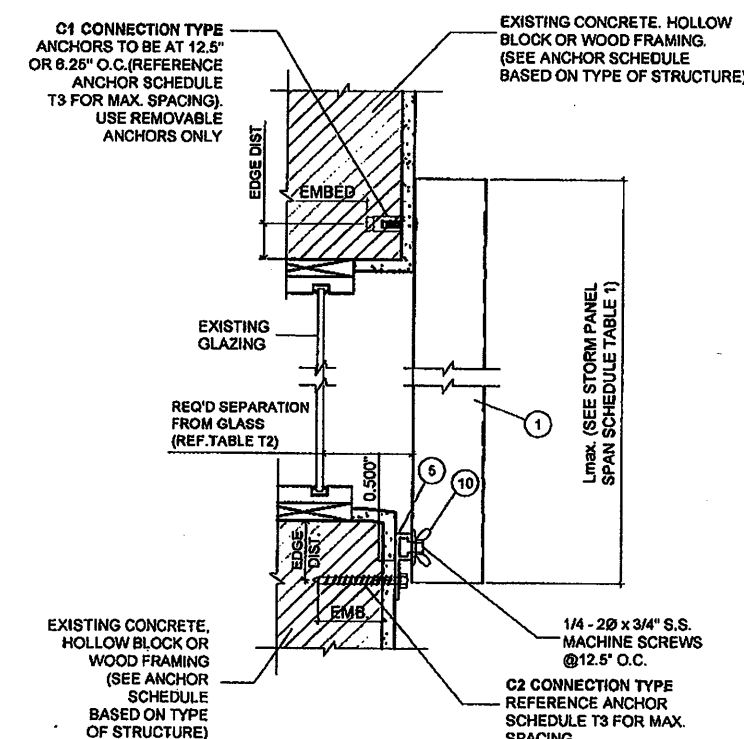
Approval Date: 01/24/2013



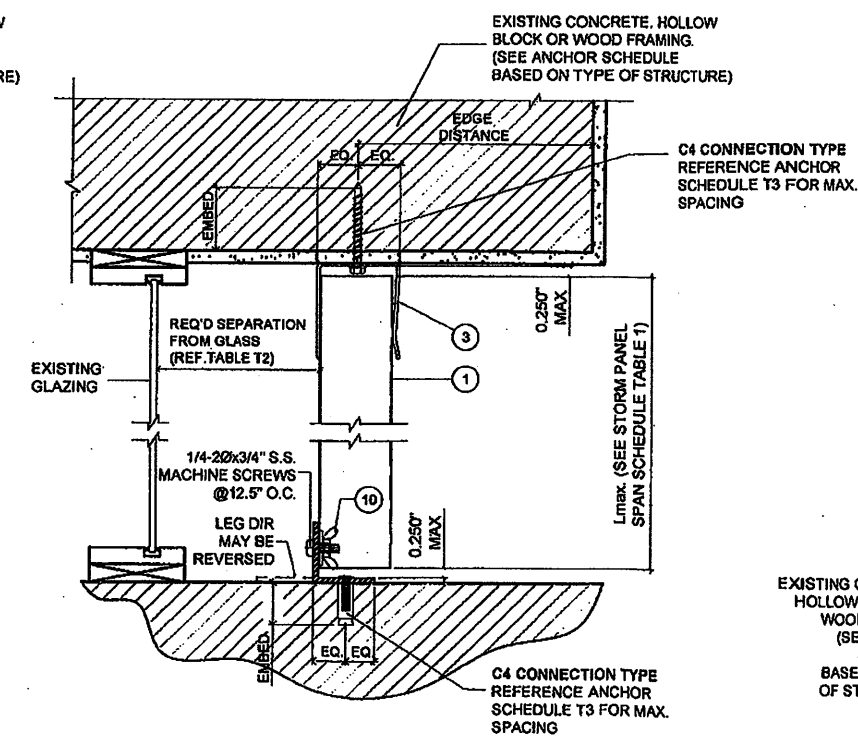
G BUILD-OUT MOUNT SECTION
N.T.S.



H WALL MOUNT SECTION
N.T.S.



I "F" TRACK / DIRECT MOUNT SECTION
N.T.S.



J CEILING/FLOOR MOUNT SECTION
N.T.S.

T1

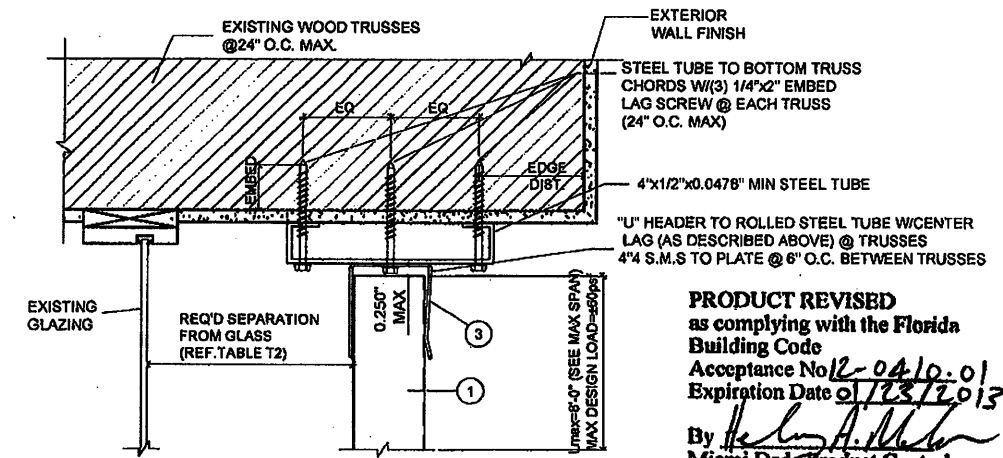
LOAD W(PSF)	No Stitch Bolts LMAX(ft)	Stitch Bolts AT Midspan LMAX(ft)
25	10'-7"	10'-7"
30	10'-5"	10'-5"
35	10'-0"	10'-0"
39	9'-9"	9'-9"
40	9'-8"	9'-8"
45	9'-4"	9'-5"
49	8'-11"	9'-3"
50	8'-10"	9'-2"
55	8'-5"	8'-11"
58	8'-2"	8'-10"
60	8'-1"	8'-9"
65	7'-9"	8'-3"
70	7'-6"	7'-8"
72	7'-4"	7'-6"
75	7'-2"	7'-2"
80	6'-9"	6'-9"
90	6'-0"	6'-0"
100	5'-4"	5'-4"
110	4'-10"	4'-10"
120	4'-6"	4'-6"
130	4'-1"	4'-1"

SPAN SCHEDULE NOTES:
1. ENTER SPAN SCHEDULE WITH NEGATIVE DESIGN LOAD TO DETERMINE MAXIMUM ALLOWABLE STORM PANEL SPAN. SCHEDULE IS ACCEPTABLE FOR USE WITH POSITIVE LOADS LESS THAN OR EQUAL TO NEGATIVE DESIGN LOADS.
2. INTERPOLATION BETWEEN LOADS IS ACCEPTABLE. OTHERWISE USE NEXT HIGHER LOAD.

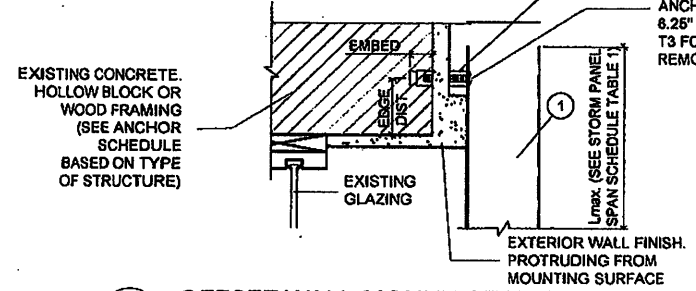
T2

Positive Load (PSF)	Span Less Than:	Separation (inches) at <= 30'	Separation (inches) at > 30'
30	6'-0"	2.75"	1.22"
	8'-8"	2.75"	1.94"
	10'-5"	3.00"	3.00"
35	6'-0"	2.75"	1.25"
	8'-8"	2.75"	2.10"
	10'-0"	3.00"	3.00"
40	6'-0"	2.75"	1.29"
	8'-8"	2.75"	2.26"
	9'-8"	3.00"	3.00"
45	6'-0"	2.75"	1.32"
	8'-8"	2.75"	2.41"
	9'-4"	2.92"	2.92"
50	6'-0"	2.75"	1.36"
	8'-10"	2.75"	2.73"
	6'-0"	2.75"	1.43"
60	8'-1"	2.75"	2.44"
	6'-0"	2.75"	1.51"
	7'-6"	2.75"	2.24"

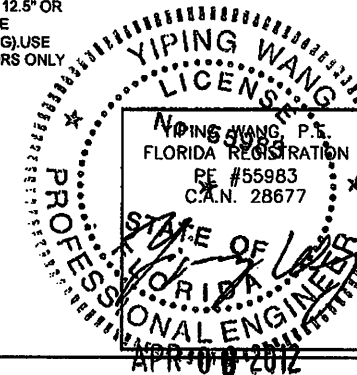
TABLE T2 NOTES:
1. ENTER SPAN SCHEDULE WITH POSITIVE DESIGN LOAD TO DETERMINE MINIMUM ALLOWABLE STORM PANEL SEPARATION FROM GLASS OR DOOR TO BE PROTECTED. SCHEDULE IS REQUIRED FOR USE WITH POSITIVE LOADS ONLY.
2. INTERPOLATION BETWEEN LOADS IS ACCEPTABLE. OTHERWISE USE NEXT HIGHER LOAD.



K TRUSS MOUNT SECTION
N.T.S.



L OFFSET WALL MOUNT SECTION
N.T.S.



MCY ENGINEERING, INC.
GLAZING CONSULTANTS

22 GA. GALVANIZED STEEL STORM PANEL - LMI

FLORIDA STORM PANELS, INC.

8501 SW 124 Ave. STE. 205A
MIAMI, FL 33183

14475 N.W. 26TH AVE.
OPA LOCKA, FL 33054

P: 305.271.0117
F: 786.573.5063

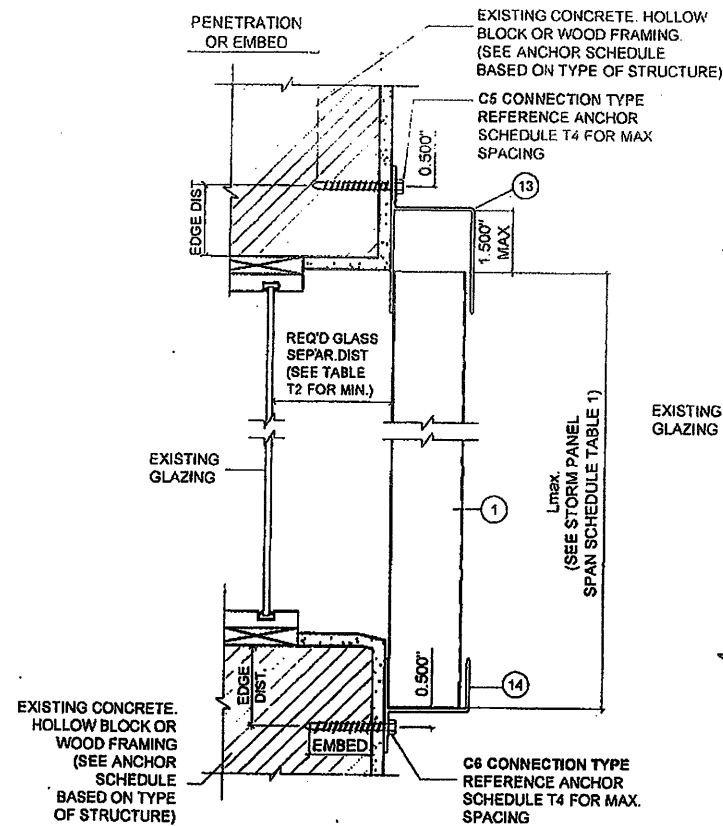
www.MCYEngineering.com

MCY Engineering@Att.net

REVISIONS	DESCRIPTION
NO DATE	

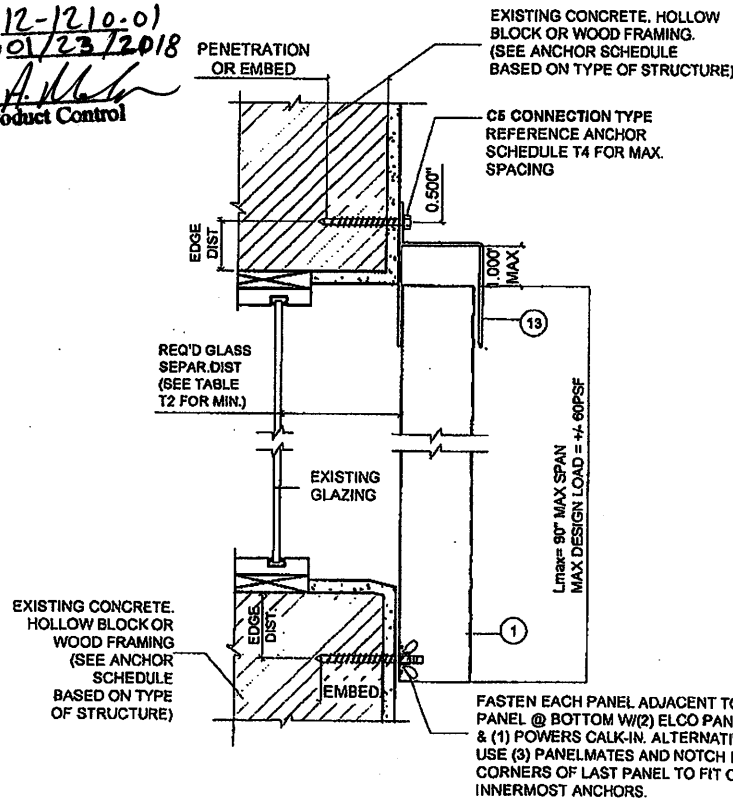
DATE	04-02-12
SCALE	AS NOTED
DRAWN	S.L.
PROJECT	MCY 12-073
DRAWING NO.	AD12-30
2 OF 4	

OPTIONAL INTERIOR MOUNT INSTALLATION DETAILS



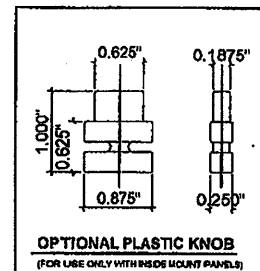
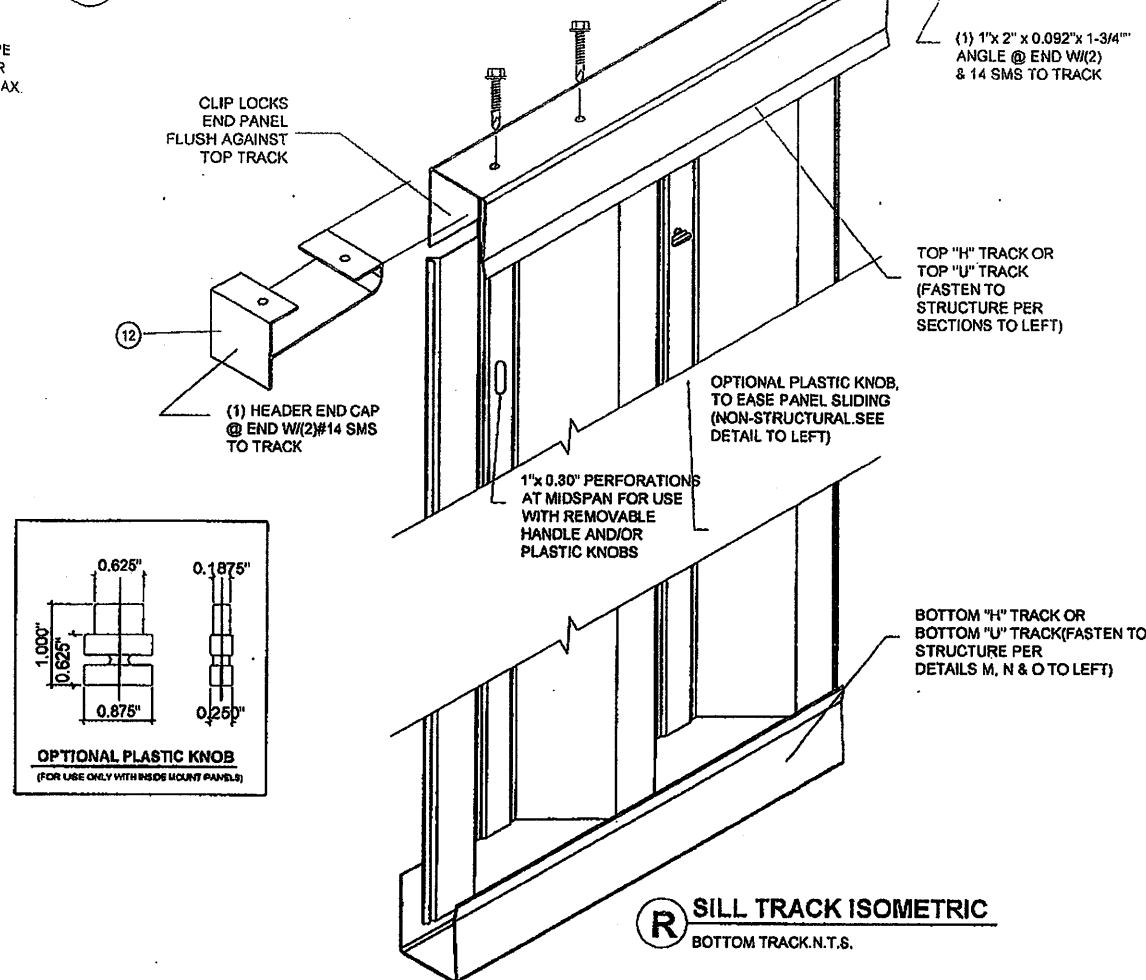
M WALL MOUNT SECTION
WALL MOUNT TRACKS N.T.S.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 12-1210-01
Expiration Date 01/23/2018
By *[Signature]*
Miami Dade Product Control

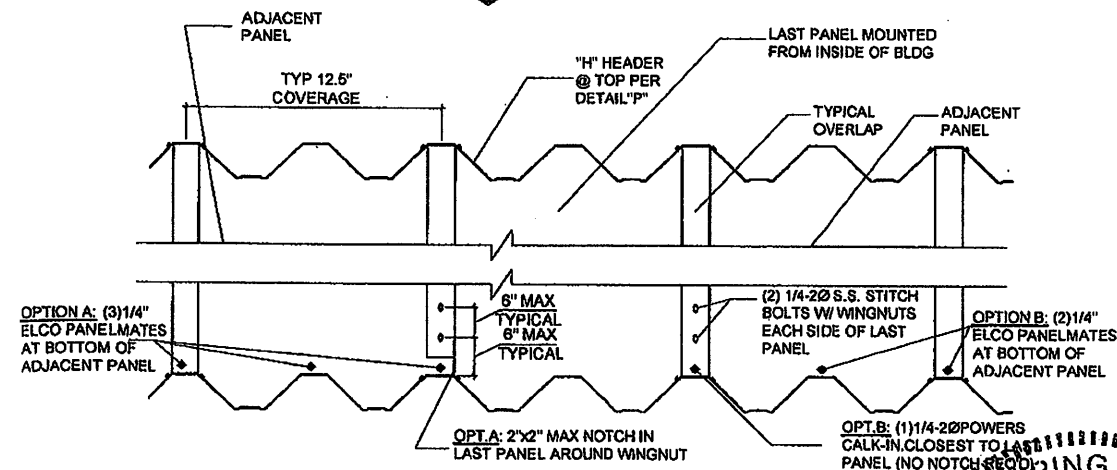


N CEILING/FLOOR MOUNT SECTION
NTS

Q HEADER TRACK ISOMETRIC
TOP TRACK N.T.S.

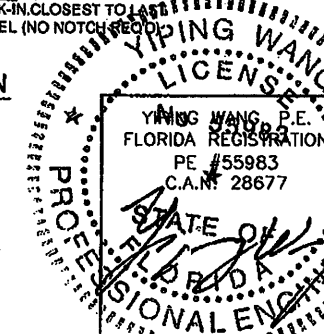


R SILL TRACK ISOMETRIC
BOTTOM TRACK N.T.S.



S DIRECT WALL MOUNT EXTERIOR ELEVATION
BOTTOM DIRECT WALL MOUNT (REF. DETAIL 'P') N.T.S.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0410-01
Expiration Date 01/23/2013
By *[Signature]*
Miami Dade Product Control



REVISIONS		DESCRIPTION	DATE
NO	DATE		

MCY ENGINEERING, INC. GLAZING CONSULTANTS		FLORIDA STORM PANELS, INC.
8501 SW 124 Ave. STE. 205A. MIAMI, FL 33183	P: 305.271.0117 F: 786.573.5063	22 GA. GALVANIZED STEEL STORM PANEL - LMI
www.MCYEngineering.com	MCY.Engineering@att.net	14475 N.W. 26TH AVE. OPA LOCKA, FL 33054 P: (305) 685 - 9000 F: (305) 685 - 7511

DATE	04-02-12
SCALE	AS NOTED
DRAWN	S.L.
PROJECT	MCY 12-073
DRAWING NO.	AD12-30
	3 OF 4

APR 06 2012

T3 ANCHOR SPACING SCHEDULE

EXIST. STRUCT.	ANCHOR	LOAD (psf)	2.5" EDGE DISTANCE											
			PANS UP TO 5.50ft CONN TYPE				SPANS UP TO 8.67ft CONN TYPE				SPANS UP TO 10.67ft CONN TYPE			
			C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4
CONCRETE	1/4" x1-3/4" EMBED ELCO TAPCON (MIN 3320 PSI CONC)	39	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	11.9"	13.5"
		49	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	11.8"	13.3"	12.5"	16.0"	8.4"	10.7"
		58	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	8.9"	11.1"	12.5"	16.0"	8.0"	10.3"
		72	12.5"	16.0"	13.0"	14.3"	12.5"	16.0"	8.0"	10.3"	12.5"	16.0"	8.0"	10.3"
		130	12.5"	16.0"	8.0"	10.3"	12.5"	16.0"	8.0"	10.3"	12.5"	16.0"	8.0"	10.3"
	1/4" x1-7/8" EMBED ALL-POINTS SOLID-SET LEAD SHIELD ANCHOR	39	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	15.2"	15.0"	12.5"	16.0"	10.6"	12.1"
		49	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	10.2"	11.8"	12.5"	16.0"	7.5"	9.5"
		58	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	7.9"	9.9"	12.5"	16.0"	7.1"	9.2"
		72	12.5"	16.0"	11.5"	12.7"	12.5"	16.0"	7.1"	9.2"	12.5"	16.0"	7.1"	9.2"
		130	12.5"	16.0"	7.1"	9.2"	12.5"	16.0"	7.1"	9.2"	12.5"	16.0"	7.1"	9.2"
	1/4" x1-2" EMBED ELCO PANELMATE (MIN 3350 PSI CONC)	39	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	13.3"	15.7"	12.5"	16.0"	9.2"	12.6"
		49	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	8.9"	12.4"	12.5"	16.0"	6.5"	9.9"
		58	12.5"	16.0"	14.9"	16.0"	12.5"	16.0"	6.9"	10.4"	12.5"	16.0"	6.2"	9.6"
		72	12.5"	16.0"	10.0"	13.3"	12.5"	16.0"	6.2"	9.6"	12.5"	16.0"	6.2"	9.6"
		130	12.5"	16.0"	6.2"	9.6"	12.5"	16.0"	6.2"	9.6"	12.5"	16.0"	6.2"	9.6"

HOLLOW CONC BLOCK	1/4" x1-1/4" EMBED ELCO TAPCON	39	12.5"	16.0"	16.0"	15.8"	12.5"	15.5"	7.8"	9.9"	12.5"	12.6"	5.4"	7.9"
		49	12.5"	16.0"	12.7"	12.5"	6.25"	12.3"	5.2"	7.7"	6.25"	10.0"	3.8"	6.2"
		58	12.5"	16.0"	8.7"	10.5"	6.25"	10.4"	4.0"	6.5"	6.25"	9.7"	3.6"	6.0"
		72	12.5"	13.2"	5.9"	8.3"	6.25"	9.7"	3.6"	6.0"	6.25"	9.7"	3.6"	6.0"
		130	6.25"	9.7"	3.6"	6.0"	6.25"	9.7"	3.6"	6.0"	6.25"	9.7"	3.6"	6.0"
	1/4" x1-7/8" EMBED ALL-POINTS SOLID-SET LEAD SHIELD ANCHOR	39	12.5"	16.0"	16.0"	16.0"	12.5"	16.0"	12.7"	10.3"	12.5"	16.0"	8.8"	8.3"
		49	12.5"	16.0"	16.0"	13.1"	12.5"	16.0"	8.5"	8.2"	12.5"	16.0"	6.2"	6.6"
		58	12.5"	16.0"	14.3"	11.0"	12.5"	16.0"	6.6"	6.9"	12.5"	15.9"	5.9"	6.4"
		72	12.5"	16.0"	9.6"	8.8"	12.5"	15.9"	5.9"	6.4"	12.5"	15.9"	5.9"	6.4"
		130	12.5"	15.9"	5.9"	6.4"	12.5"	15.9"	5.9"	6.4"	12.5"	15.9"	5.9"	6.4"
	1/4" x1-1/4" EMBED ELCO PANELMATE	39	12.5"	16.0"	16.0"	12.2"	12.5"	14.5"	7.3"	7.7"	6.25"	11.8"	5.1"	6.2"
		49	12.5"	16.0"	11.9"	9.7"	6.25"	11.6"	4.9"	6.0"	6.25"	9.4"	3.6"	4.9"
		58	12.5"	15.4"	8.2"	8.1"	6.25"	9.8"	3.6"	5.1"	6.25"	9.1"	3.4"	4.7"
		72	6.25"	12.4"	5.5"	6.5"	6.25"	9.1"	3.4"	4.7"	6.25"	9.1"	3.4"	4.7"
		130	6.25"	9.1"	3.4"	4.7"	6.25"	9.1"	3.4"	4.7"	6.25"	9.1"	3.4"	4.7"

WOOD	1/4" x 2" THREAD PENETR.LAG SCREW	39	12.5"	16.0"	16.0"	7.5"	12.5"	16.0"	12.8"	4.8"	12.5"	16.0"	8.9"	3.9"
		49	12.5"	16.0"	16.0"	6.0"	12.5"	16.0"	8.6"	3.8"	12.5"	16.0"	6.3"	3.1"
		58	12.5"	16.0"	14.4"	5.1"	12.5"	16.0"	6.6"	3.2"	12.5"	16.0"	6.0"	
		72	12.5"	16.0"	9.6"	4.1"	12.5"	16.0"	6.0"		12.5"	16.0"	6.0"	
		130	12.5"	16.0"	6.0"		12.5"	16.0"	6.0"		12.5"	16.0"	6.0"	
	#14 x 1-1/2" THREAD PENETR.WOOD SCREW	39	12.5"	16.0"	16.0"	7.7"	12.5"	16.0"	8.3"	4.8"	12.5"	13.5"	5.8"	3.9"
		49	12.5"	16.0"	13.6"	6.1"	12.5"	13.2"	5.6"	3.8"	6.25"	10.7"	4.1"	3.1"
		58	12.5"	16.0"	9.3"	5.1"	6.25"	11.2"	4.3"	3.2"	6.25"	10.4"	3.9"	
		72	12.5"	14.2"	6.3"	4.1"	6.25"	10.4"	3.9"		6.25"	10.4"	3.9"	
		130	6.25"	10.4"	3.9"		6.25"	10.4"	3.9"		6.25"	10.4"	3.9"	
	7/16" x 5/8" EMBED BRASS BUSHING & 1/4-20 SCREW	39	12.5"	16.0"	16.0"	13.0"	12.5"	16.0"	8.3"	8.1"	12.5"	13.4"	5.7"	6.8"
		49	12.5"	16.0"	13.5"	10.3"	12.5"	13.1"	5.5"	6.4"	6.25"	10.6"	4.0"	5.2"
		58	12.5"	16.0"	9.2"	8.7"	6.25"	11.1"	4.3"	5.4"	6.25"	10.3"	3.8"	5.0"
		72	12.5"	14.0"	6.2"	6.9"	6.25"	10.3"	3.8"	5.0"	6.25"	10.3"	3.8"	5.0"
		130	6.25"	10.3"	3.8"	5.0"	6.25"	10.3"	3.8"	5.0"	6.25"	10.3"	3.8"	5.0"

T4 ANCHOR SPACING SCHEDULE (INSIDE MOUNT PANELS, WALL MOUNT)

EXIST. STRUCT.	ANCHOR	LOAD (psf)	2.5" EDGE DISTANCE				SPAN UP TO 5.50ft CONN TYPE	SPAN UP TO 8.67ft CONN TYPE
			C5	C6	C5	C6		
			C5	C6	C5	C6		
CONCRETE	1/4" x1-3/4" EMBED ELCO TAPCON (MIN 3320PSI CONC)	39	16.0"	16.0"	16.0"	16.0"	16.0"	16.0"
		45	16.0"	16.0"	11.4"	16.0"	16.0"	16.0"
		55	16.0"	16.0"	7.5"	16.0"	16.0"	16.0"
		65	14.2"	16.0"	6.0"	16.0"	16.0"	16.0"
		72	11.0"	16.0"	6.0"	16.0"	16.0"	16.0"
	1/4" x1-7/8" EMBED ALL-POINTS SOLID-SET LEAD SHIELD ANCHOR	39	16.0"	16.0"	14.8"	16.0"	16.0"	16.0"
		45	16.0"	16.0"	10.1"	16.0"	16.0"	16.0"
		55	16.0"	16.0"	6.6"	16.0"	16.0"	16.0"
		65	12.6"	16.0"	5.3"	16.0"	16.0"	16.0"
		72	9.8"	16.0"	5.3"	16.0"	16.0"	16.0"
	1/4" x1-2" EMBED ELCO PANELMATE (MIN 3350 PSI CONC)	39	16.0"	16.0"	12.9"	16.0"	16.0"	16.0"
		45	16.0"	16.0"	8.8"	16.0"	16.0"	16.0"
		55	16.0"	16.0"	5.8"	16.0"	16.0"	16.0"
		65	11.0"	16.0"	4.6"	16.0"	16.0"	16.0"
		72	8.5"	16.0"	4.6"	16.0"	16.0"	16.0"

HOLLOW CONC BLOCK	1/4" x1-1/4" EMBED ELCO TAPCON	39	16.0"	16.0"	7.5"	15.5"
		49	16.0"	16.0"	5.2"	13.4"
		58	11.0"	16.0"	3.4"	11.0"
		72	6.4"	14.6"		9.7"
		130	5.0"	13.2"		9.7"
	1/4" x1-7/8" EMBED ALL-POINTS SOLID-SET LEAD SHIELD ANCHOR	39	16.0"	16.0"	12.4"	16.0"
		49	16.0"	16.0"	8.5"	16.0"
		58	16.0"	16.0"	5.6"	16.0"
		72	10.5"	16.0"	4.4"	15.9"
		130	8.2"	16.0"	4.4"	15.9"
	1/4" x1-1/4" EMBED ELCO PANELMATE	39	16.0"	16.0"	7.1"	14.5"
		49	16.0"	16.0"	4.8"	12.6"
		58	10.3"	16.0"	3.2"	10.3"
		72	6.0"	13.7"		9.1"
		130	4.7"	12.4"		9.1"

WOOD	1/4" x 2" THREAD PENETR.LAG SCREW	39	16.0"	16.0"	12.4"	16.0"
		45	16.0"	16.0"	8.5"	16.0"
		55	16.0"	16.0"	5.6"	16.0"
		65	10.6"	16.0"	4.4"	16.0"
		72	8.2"	16.0"	4.4"	16.0"
	#14 x 1-1/2" THREAD PENETR.WOOD SCREW	39	16.0"	16.0"	8.1"	16.0"
		45	16.0"	16.0"	5.5"	14.4"
		55	11.8"	16.0"	3.6"	11.8"
		65	6.9"	15.7"		10.4"
		72	5.3"	14.2"		10.4"
	7/16" x 5/8" EMBED BRASS BUSHING & 1/4-20 SCREW	39	16.0"	16.0"	8.0"	16.0"
		45	16.0"	16.0"	5.5"	14.2"
		55	11.7"	16.0"	3.6"	11.7"
		65	6.8"	15.5"		10.3"
		72	5.3"	14.0"		10.3"

T5 ANCHOR SPACING SCHEDULE (INSIDE MOUNT PANELS, TRAP MOUNT)

			2.0" EDGE DISTANCE			
EXIST. STRUCT.	ANCHOR	LOAD (psf)	SPANS UP TO 5.50ft CONN TYPE		SPANS UP TO 8.67ft CONN TYPE	
			C7	C8	C7	C8
CONCRETE	1/4" x1-3/4" EMBED	39	16.0"	15.3"	13.6"	9.7"
	ELCO TAPCON	45	16.0"	13.2"	11.8"	8.4"
	(MIN 3320PSI CONC)	55	15.2"	10.8"	9.6"	6.9"
	Tcap(lb) = 386.40	65	12.9"	9.2"	8.5"	6.0"
	Vcap(lb) = 380.00	72	11.6"	8.3"	8.5"	6.0"
	1/4" x1-7/8" EMBED	39	16.0"	16.0"	15.2"	10.8"
	ALL-POINTS SOLID-SET	45	16.0"	14.7"	13.2"	9.3"
	LEAD SHIELD ANCHOR	* 55	16.0"	12.0"	10.8"	7.6"
	Tcap(lb) = 428.00	65	14.4"	10.2"	9.5"	6.7"
	Vcap(lb) = 428.00	72	13.0"	9.2"	9.5"	6.7"
	1/4" x1-2" EMBED	39	16.0"	11.6"	10.3"	7.4"
	ELCO PANELMATE	45	14.1"	10.1"	8.9"	6.4"
	(MIN 3350 PSI CONC)	* 55	11.5"	8.2"	7.3"	5.2"
	Tcap(lb) = 297.60	65	9.7"	7.0"	6.4"	4.8"
	Vcap(lb) = 282.50	72	8.8"	6.3"	6.4"	4.6"

HOLLOW CONC BLOCK	1/4" x1-1/4" EMBED	39	12.6"	8.2"	8.0"	5.2"
	ELCO TAPCON	49	10.9"	7.1"	6.9"	4.5"
		58	8.9"	5.8"	5.7"	3.7"
	Tcap(lb) = 174.00	72	7.5"	4.9"	5.0"	3.3"
	Vcap(lb) = 318.00	130	6.8"	4.5"	5.0"	3.3"
	1/4" x1-7/8" EMBED	39	16.0"	12.3"	10.4"	7.8"
	ALL-POINTS SOLID-SET	49	14.2"	10.7"	9.0"	6.8"
	LEAD SHIELD ANCHOR	* 58	11.7"	8.7"	7.4"	5.5"
	Tcap(lb) = 358.00	72	9.9"	7.4"	6.5"	4.9"
	Vcap(lb) = 249.00	130	8.9"	6.7"	6.5"	4.9"
	1/4" x1-1/4" EMBED	39	11.2"	8.0"	7.1"	5.1"
	ELCO PANELMATE	49	9.7"	6.9"	6.2"	4.4"
	* 58	7.9"	5.6"	5.0"	3.6"	
	72	6.7"	4.8"	4.4"	3.2"	
	Tcap(lb) = 201.50	130	6.1"	4.9"	4.4"	3.2"
	Vcap(lb) = 409.50					